



KAISER • HILL
COMPANY

MEMORANDUM

Date: September 17, 2001
To: Jan Robbins
From: Pam Arnold
Subject: WEEKLY STATUS MEETING DOE/LRA for September 17, 2001

Attached are the minutes for the referenced weekly meeting for the Operating Record.

In attendance were:

P. Arnold
K. Daniels
J. Floerke
D. Foss
L. Gregory-Frost
B. Gustafson
K. Kunert
J. Majestic
D. Onyskiw
E. Pietsch
J. Tasset
J. Wrapp



DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

ADMIN RECORD

B371-A-000049

1/10

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

September 17, 2001

AGENDA

INTRODUCTION — *Pam Arnold, X6035, Pager 303-212-4835*

D&D

Presenters — *John Wrapp, X5883, Pager 303-212-6074/Joe Majestic, X7811, Pager 303-212-1958*

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
- *Cerium Nitrate*
- *MAA/PA Closure*

Presenter — *Barry Gustafson, X3292, Pager 303-212-5290*

- Special Projects
- *North Side Cleanup*
- *Remote Dismantlement Chamber*
- *Breathing Air*
- Sets 7, 18, 24, 30 and 56 Status

ENVIRONMENTAL — *Pam Arnold, X6035, Pager 303-212-4835*

WASTE MANAGEMENT — *Laurie Gregory-Frost, X3681, Pager 303-212-1980*

AUTHORIZATION BASIS/BIO — *John Almon x3217, Pager 303-212-3426*

D&D Summary (AAC)

Week Ending 9/13/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

- CWTS processing continued during the week of 9/10.
- Set 4B (1117) draining continued and is 40% complete. Six breathing air entries have been made. (1AQ31DR04B)
- Set 4A (1115/1103) draining will follow completion of Set 4B. (1AQ31DR04A)
- Set 2B (rebaselined Set 6) entry to complete hanging of tags, and IWCP completion are TBD to support higher priority work. (1AQ31DR02B)

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 11/04/03

SV: -26 days

- Set 5 (3573, 8 tanks) breathing air entries have been suspended. The TMR vacuum system requisition will be issued during the week of 9/17. In parallel, a mockup has been completed using a commercial HEPA filtered vacuum. Modifications needed for radiological control have been identified and are being made. (1AC105ET00)
- Set 4 (3571) line isolations have started, to be followed by Set 3 (3517). (1AC103AT00)
- Set 5 cerium decon and D&D ready package is complete. (1AD105AH00)
- Set 4 cerium decon and D&D ready package is ready for safety screen. (1AD104AH00)
- Set 3 cerium decon and D&D ready package is 75% complete. The engineering package is complete and IWCP package development has started.
- Set 13 (2307/2317/2319) engineering to support cerium decon and final D&D isolations is complete for Rms. 2307 and 2317. IWCP package development has started. (1AC113AT00)
- Set 15 (2223) line isolation and raschig ring removal engineering/planning are 95% complete. Lessons learned from Set 3 are being incorporated.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- Set 23 (3321/3323/3325) is complete. Draining of the two transfer pumps is being deferred until dismantlement of fixed equipment in the GB due to the inaccessibility of the pumps, the small amount of oil present (one pint per pump), and ALARA concerns. (1AC123EG00).
- Set 7 (3305) is complete. Draining GB36 furnace gear reducers finished on 9/7. (1AC107EG00)
- Set 14 (2325) is 35% complete. GB clean out continued during the week of 9/10. Draining of the gear reducers will be deferred until dismantlement of fixed equipment in the GB. (1AC114EG00)
- Set 6 (3543) glove changeouts were completed on 9/13. GB cleanout will start during the week of 9/17.
- The SWP for initiation of GB deactivation work is complete and approved.

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- The transfer tunnel repairs are complete and the second pressure test was successfully completed. Site trucking will pick-up the transfer tunnel on 9/17.
- The GB 69 crate drop is at Receiving awaiting receipt inspection early during the week of 9/17.
- Fabrication of the I/O 8 mechanical system is 50%. The mock-up enclosure has been completed and the electrical control panel fabrication has started. Item's fabrication of the XYZ traverse will be complete by 9/21. The air motor will be shipped during the week of 9/17. (IAC109AD01)
- I/O 8 modification package requires an ECR on the I/O wall to be finished and incorporated.
- The guillotine door switch relocation is 25% complete.
- GB 69 modification work started with lead removal on 9/15.
- I/O 8 drain line installation package requires an ECR to be finished and incorporated.

Special Projects

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- The MAA/PA closure plan draft is 60% complete. (AC11PNM20)
- Approximately 400 additional drums of residue material will need to be processed once DNFSB Recommendation 94-1 has been satisfied. In addition, approximately 2,200 kgs of material presently in the PuSPS inventory may be diverted to the residue packaging lines. Impact to the baseline residue schedule is being assessed.
- An evaluation of the estimated 200 TRU and TRUM waste drums that will require corrective action prior to shipment has been started by Site TRU waste program personnel. A disposition path for each deficient drum will be specified.
- An IWCP package to troubleshoot and repair the nitrogen system to GB39 in Rm. 3206 is being developed. The line is expected to be operational early in CY02 for brushing of classified shapes prior to shipment.
- SP&I is continuing an options analysis on final Site MAA/PA closure. A recommendation will be made to executive management by the end of September.

D&D Summary (AAD)

Week Ending 9/14/01

Special Projects:

Work continues on three special projects in support of D&D activities.

- "North Side Clean-up KH construction has mobilized material and equipment to begin demolition. The PDS report was transmitted for review last week. Concurrent review by DOE and CDHPE is in process. Piping removal was started last week, removal of the fans, motors, shrouds and transite panels will begin this week. D&D workers set up equipment to steam clean the KOH tanks last week. B374 personnel will transfer the rinsate to B374 process waste tankage as rinsing continues.
- RDC (ITC). We will take over procurement of the B707 ITC to use in B371. A decision on location for the ITC will be made by management as room utilization is determined by the facility.
- IWCP work package for Breathing Air System upgrades are approved. Preliminary work, including conduit installation, pipe fabrication and core drilling, is on going. Pending acceptance of the breathing air outage schedule by Facility Management the BA system will be out of service for approximately 6 weeks. Detailed schedules with varying start dates were developed and are being considered by Facility Management. The window for the work must fit between BA requirements for RRR removal and the CSV modification. We are investigating the feasibility of using a trailer mounted BA system available as surplus from B707.
- General: Planning and engineering on the next series of sets scheduled for D&D has started. The next sets on the schedule are: 3, 4, 6, 13, 15, 25, 57, 58. Details by set will be available as planning and engineering progresses and scope documents are prepared. Set 5 planning and engineering will begin when the tent used by the tank deactivation crew is removed. Work on set descriptions, scope and work package determinations is ongoing. Sets to begin the planning processes are first priority for this effort. A record file for each set will be developed and will include set definition, scope, comparison and reconciliation to the PMP and DOP descriptions, work package listing and descriptions, PWA and exceptions, Best estimate excerpts, and photos.

Set 7: Rooms 3301, 3303, 3305

KH Target Finish: 10/01/02

Current Early Finish: 10/09/02

SV: -6 day

- Technical support planning and engineering continues for development of standard work packages to remove gloveboxes 36, 37, 38 and 75.
- Electrical and Mechanical Isolation Work Packages have been given to D&D production/operations for execution.
- The wooden-crated glove boxes were opened and are currently being analyzed for disposition. Options include in-situ size reduction, relocation to 3420 for size reduction or relocation to another building's ITC for size reduction. A work package to open the crated glove box in room 3412 has been issued to D&D for action. When the contents and condition of the contents are known a decision will be made to disposition all of the crated gloveboxes.
- Electrical and Piping strip-out packages are in final review process.

Set 18: Rooms 3801, (north portion), 3805

KH Target Finish: 9/10/01

Current Early Finish: 3/27/02

SV: -124 days

- A Recovery Plan is in the process of development and will be implemented upon actual termination of operations. Preliminary efforts included a phased approach to isolate and remove equipment that is not required for facility operation. This includes tanks 816, 817, 818, 819 and associated equipment. (IAD118AD00) We are focusing management attention to the closure of tanks in the area to allow D&D to begin. We expect set 18 phase one to be released in September and phase two in early January.
- Work packages for isolation are with the D&D group to work as soon as the tank deactivation is complete.

Set 24: Rooms 3402, 3404A, 3404, 3406, 3408

KH Target Finish: 9/25/01

Current Early Finish: 1/23/02

SV: -76 days

Partial schedule recovery will be realized when D&D of glovebox is commenced.

- Work Packages to remove the glove boxes are in the final signature process. (IAD124AD00)
- The MSA has been scoped, planned and will be performed when the assessment team is assembled and the work packages are approved.

Set 56: Room 3801, (south portion)

KH Target Finish: 9/10/01

Current Early Finish: 12/24/01

SV: -65 days

- Recovery plans are in process of development and will be implemented when tank deactivation is completed. D&D workers are supplementing the operations staff and assisting with draining of the remaining tanks. Draining, photographing and documentation of tanks is expected to be complete by late-September. D&D work will begin at that time.
- Sludge removal of D812 is in process. A completion date is indeterminate due to difficulty of mobilizing the sludge to a viscosity that will allow pumping.

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	N/A	Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
5	N/A	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	
7	N/A	Container Storage - Room	371.1A	3301	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3303	
	N/A	Container Storage - Room	371.1A	3305	
	N/A	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	3710122	3305	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
		Pumps: P171 through P180 (10 pumps)	IE: 0122	3305	
	N/A	Container Storage - Room	371.1A	3315	
	N/A	GB Storage - GB#32	371.1B	3315	
14	N/A	Container Storage - Room	371.1A	2325	
18	N/A	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
	N/A	See Set 19 also			
	N/A	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
19	N/A	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	N/A	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
		See Set 21 also			
24	N/A	GB Storage - GB's 72B and 72C	371.1B	3408	
	N/A	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	N/A	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	N/A	GB Storage - GB's 107 and 113	374.3	3801	
58	N/A	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	N/A	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/ 4807	
	N/A	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

Waste Management Summary

Status for Week Ending 09-14-01

- **Management Requirements for Remediation Waste, 371/374 Closure Project procedure:**
Received concurrence from James Hindman, CDPHE, and Denise Onyskiw, CDPHE LRA, on the draft procedure on September 5, 2001. Awaiting Nuclear Safety Screen and Independent Safety Review (ISR) approvals prior to finalizing procedure.
- **Remediation Waste Training:**
The remediation waste training class will be finalized when the procedure is finalized. Classes will begin shortly thereafter.

Basis for Interim Operations (BIO)

Week Ending 9/14/01

BIO Page Change to Support Dismantlement Activities

- Page change approved.
- Implementation scheduled to be complete September 19.

PuSPS Page Change

- Submitted to DOE Thursday.

10/10